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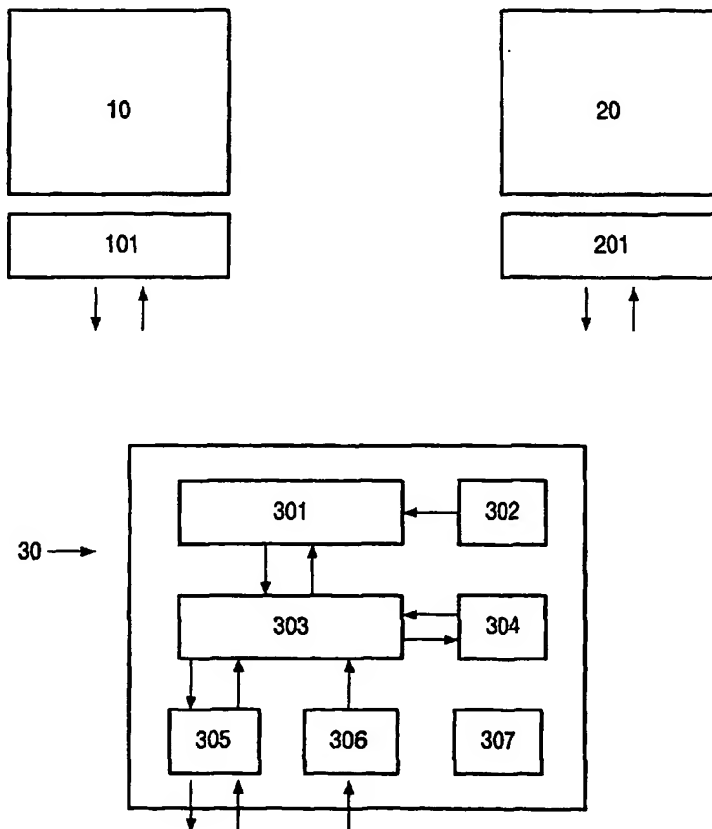
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(54) Title: DIAGNOSTIC X-RAY SYSTEM



(57) Abstract: The invention relates to a diagnostic X-ray system which comprises notably a mobile X-ray apparatus (10), a mobile data terminal (30) and a data processing unit (20) for the images acquired by means of the X-ray apparatus (10). The system is characterized notably in that the parameters of an X-ray exposure formed by means of the X-ray apparatus (10) are transmitted, preferably in a wireless fashion, to the mobile patient data terminal (30) in which they are combined with patient data entered by a user as well as with an identification number of the image cassette on which the image is stored, read by means of a bar code scanner (306), so as to form a patient data set. Such a patient data set is then transmitted to the data processing unit (20) in which it is supplemented with the image data which is read from the image cassette so as to be processed. It is thus simply possible to combine all relevant data of an X-ray exposure with one another while eliminating any source of errors at least substantially.